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38342-178463

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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/074,225	02/14/2002	Fernando Donate	38342-178463

Venable
 P.O. Box 34385
 Washington, DC 20043-9998

DOCKETED
 SCOUPNCE LISTING
 CLIENT/MATTER #38342-178463 ATTY S2L
 DUE DATE 11/03/2002
 FINAL DEADLINE 04/03/2003
 DKTED BY BN MC

CONFIRMATION NO. 6196

FORMALITIES LETTER



#OC000000008720850*

Date Mailed: 09/03/2002

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
 CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE
 DISCLOSURES**

Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

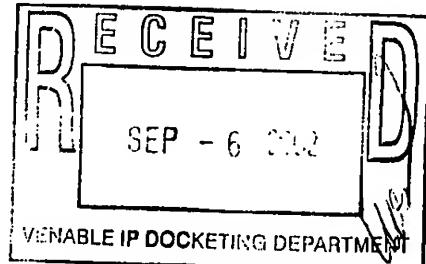
- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Fernley
A copy of this notice MUST be returned with the reply.

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Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY





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- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

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PART 2 - COPY TO BE RETURNED WITH RESPONSE

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/074,225
Source: O1PE
Date Processed by STIC: 8/12/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
 - 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
- FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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Revised 01/29/2002



Does Not Comply
Corrected Diskette Needed

OIPe

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/074,225

DATE: 08/12/2002
TIME: 16:06:51

Input Set : C:\CRF4\Datahold\Sample.app
Output Set: N:\CRF4\08122002\J074225.raw

```

3 <110> APPLICANT: Smith, John
4      Smith, Jane
5      Garcia Consulting
7 <120> TITLE OF INVENTION: Test Application Title (CCH00001)
9 <130> FILE REFERENCE: CCH01
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/074,225
C--> 12 <141> CURRENT FILING DATE: 2002-08-06
14 <160> NUMBER OF SEQ ID NOS: 7
16 <170> SOFTWARE: PatentIn For Windows v. 2

```

ERRORED SEQUENCES

73 <210> SEQ ID NO: 2			
74 <211> LENGTH: 950	:found 949		
75 <212> TYPE: DNA			
76 <213> ORGANISM: Uca pugilator			
78 <220> FEATURE:			
79 <221> NAME/KEY: CDS			
80 <222> LOCATION: (273)...(389)			
81 <223> OTHER INFORMATION: Test Other Information			
83 <400> SEQUENCE: 2			
84 ccatttaaac caaaaaaaaaaa aaacggtgga caccggtaa ccccggttaa gtaccggttt			60
86 aggccatttc aggccaaatg tgcccaacta cgccaattgt tttgccaacg gccaaacgtta			120
88 cgttcgtacg cacgtatgta cctaggtact tacggacgtg actacggaca cttccgtacg			180
90 tacgtacgtt tacgtaccca tcccaacgta accacagtgt ggtcgcagtg tcccagtgt			240
92 cacagactgc cagacattct tcacagacac cc cat gac acc acc tga acg tct			293
93 His Asp Thr Thr Thr Ser			
W--> 94 1 5			
96 ctt cct ccc aag ggt gtg tgg cac cac cct aca cct cct cct tct ggg			341
97 Leu Pro Pro Lys Gly Val Trp His His Pro Thr Pro Pro Pro Ser Gly			
W--> 98 10 15 20			
100 gct gct gct ggt tct gct gcc tgg ggc cca tgt gag gca gca gga gaa			389
101 Ala Ala Ala Gly Ser Ala Ala Trp Gly Pro Cys Glu Ala Ala Gly Glu			
W--> 102 25 30 35			
104 tgggtggct cagccaaacc ttgagcccta gagccccct caactctgtt ctccctagggg			449
106 ctcatgcattc ttgcccacag caacctcaaa cctgtgtc acctcattgt aaacatccac			509
108 ctgacctccc agacatgtcc ccaccagctc tcctccctacc cctgcctcag gaacccaagc			569
110 atccacccct ctcccccac acgtttttttt cttttttttt cttttttttt cttttttttt			629
112 gcctcccccct gccatccccc aggaactcag tcagtgccta cttctacccc agcaagcaga			689
114 actcaactgct ctggagagca aacacggacc gtgccttcct ccaggatggt ttctccttga			749
116 gcaacaattc tctcctggtc tagaaaaat aattgatttc aagaccttct cccattctg			809
118 cctccattct gaccatttca ggggtcgta ccacccctcc tttggccatt ccaacagctc			869

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/074,225

DATE: 08/12/2002

TIME: 16:06:51

Input Set : C:\CRF4\Datohold\Sample.app
Output Set: N:\CRF4\08122002\J074225.raw

120 aagtcttccc tgatcaagtc accggagctt tcaaagaagg aattcttaggc atcccagggg 929
E--> 122 acccacacct ccctgaacca 949
135 <210> SEQ ID NO: 4
136 <211> LENGTH: 38 - found 34
137 <212> TYPE: PRT
138 <213> ORGANISM: Uca pugilator
140 <400> SEQUENCE: 4
141 Thr Ser Leu Pro Pro Lys Gly Val Trp His His Pro Thr Pro Pro Pro
142 1 5 10 15
144 Ser Gly Ala Ala Ala Gly Ser Ala Ala Trp Gly Pro Cys Glu Ala Ala
145 20 25 30
E--> 147 Gly Glu
171 <210> SEQ ID NO: 6
172 <211> LENGTH: 7
173 <212> TYPE: PRT
174 <213> ORGANISM: Uca pugilator
176 <400> SEQUENCE: 6
E--> 177 Xaa Glu Xaa Xaa Xaa Xaa Xaa
178 1 5
181 <210> SEQ ID NO: 7
182 <211> LENGTH: 12
183 <212> TYPE: PRT
184 <213> ORGANISM: Uca pugilator
186 <400> SEQUENCE: 7
E--> 187 Xaa Xaa Xaa Xaa Xaa
E--> 188 1 5

Xaa in seq. - See p. 3 for explanation

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/10/074,225

DATE: 08/12/2002
TIME: 16:06:52

Input Set : C:\CRF4\Datahold\Sample.app
Output Set: N:\CRF4\08122002\J074225.raw

Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:5; N Pos. 21,23,25,26

Seq#:5; Xaa Pos. 1,2,4,5,6,7,8,9,10,11,12,13,14

Seq#:6; Xaa Pos. 1,3,4,5,6,7

Seq#:7; Xaa Pos. 1,2,3,4,5

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/074,225

DATE: 08/12/2002
TIME: 16:06:52

Input Set : C:\CRF4\Datahold\Sample.app
Output Set: N:\CRF4\08122002\J074225.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:32 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or Mon-YYYY, SEQ ID:1
L:34 M:256 W: Invalid Numeric Header Field, Wrong PATENT FILING DATE:YYYY-MM-DD
L:35 M:256 W: Invalid Numeric Header Field, Wrong PUBLICATION DATE:YYYY-MM-DD
L:94 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:98 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:102 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:122 M:252 E: No. of Seq. differs, <211> LENGTH:Input:950 Found:949 SEQ:2
L:147 M:252 E: No. of Seq. differs, <211> LENGTH:Input:38 Found:34 SEQ:4
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:163 M:112 C: (48) String data converted to lower case,
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:48
L:165 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:52
L:177 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:6
L:187 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7
L:188 M:252 E: No. of Seq. differs, <211> LENGTH:Input:12 Found:5 SEQ:7